

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT** ( Not for submission under 37 CFR 1.99)

Application Number	10560932
Filing Date	2006-05-05
First Named Inventor	Yechezkel BARENHOLZ
Art Unit	1648
Examiner Name	Janet L. Epps-Smith
Attorney Docket Number	BARENHOLZ 14

## **U.S.PATENTS**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6117653	A	2000-09-12	Thoma et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

## **U.S.PATENT APPLICATION PUBLICATIONS**

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20020188023	A1	2002-12-12	Jorgensen et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1	95/21175	WO	A1	1995-08-10	Pei et al.		<input type="checkbox"/>
	2	97/45442	WO	A1	1997-12-04	Miller et al.		<input type="checkbox"/>
	3	00/37046	WO	A1	2000-06-29	Yager et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10560932
Filing Date	2006-05-05
First Named Inventor	Yechezkel BARENHOLZ
Art Unit	1648
Examiner Name	Janet L. Epps-Smith
Attorney Docket Number	BARENHOLZ 14

4	01/38295	WO	A1	2001-05-31	Kobori et al.	<input checked="" type="checkbox"/>
5	01/48233	WO	A1	2001-07-05	Tagawa et al.	<input type="checkbox"/>
6	01-213858	JP		2001-08-07	Kobori et al.	<input checked="" type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1	Cabral et al., "Cellular and Humoral Immunity in Guinea Pigs to Two Major Polypeptides Derived from Hepatitis B Surface Antigen" J. gen. Virol. 38, 339-350 (1978)	<input type="checkbox"/>
	2	Diminsky et al., "Structural and Functional Characterization of Liposomal Recombinant Hepatitis B Vaccine" Journal of Liposome Research 6(2), 289-304 (1996)	<input type="checkbox"/>
	3	Diminsky et al., "Comparison between hepatitis B surface antigen (HBsAg) particles derived from mammalian cells (CHO) and yeast cells (Hansen&a polymorpha): composition, structure and immunogenicity" Vaccine, Vol. 15, No. 6/7, pp. 637-647 (1997)	<input type="checkbox"/>
	4	Gavilanes et al., "Hepatitis B surface antigen - Role of lipids in maintaining the structural and antigenic properties of protein components" Biochem. J. 265, 857-864 (1990)	<input type="checkbox"/>
	5	Gomez-Gutierrez et al., "Reconstitution of hepatitis B surface antigen proteins into phospholipid vesicles" Biochimica et Biophysica Acta 1192: 45-52 (1994)	<input type="checkbox"/>
	6	Hermanson., "Bioconjugate Techniques" Academic Press, San Diego, CA, pp. 154-155 (1996)	<input type="checkbox"/>

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> ( Not for submission under 37 CFR 1.99)	Application Number		10560932
	Filing Date		2006-05-05
	First Named Inventor	Yechezkel BARENHOLZ	
	Art Unit	1648	
	Examiner Name	Janet L. Epps-Smith	
	Attorney Docket Number	BARENHOLZ 14	

	7	Valenzuela et al., "Synthesis and assembly of hepatitis B virus surface antigen particles in yeast" Nature, 298:22 (1982)	<input type="checkbox"/>
--	---	---	--------------------------

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	/Janet Epps Smith/	Date Considered	08/12/2010
--------------------	--------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.